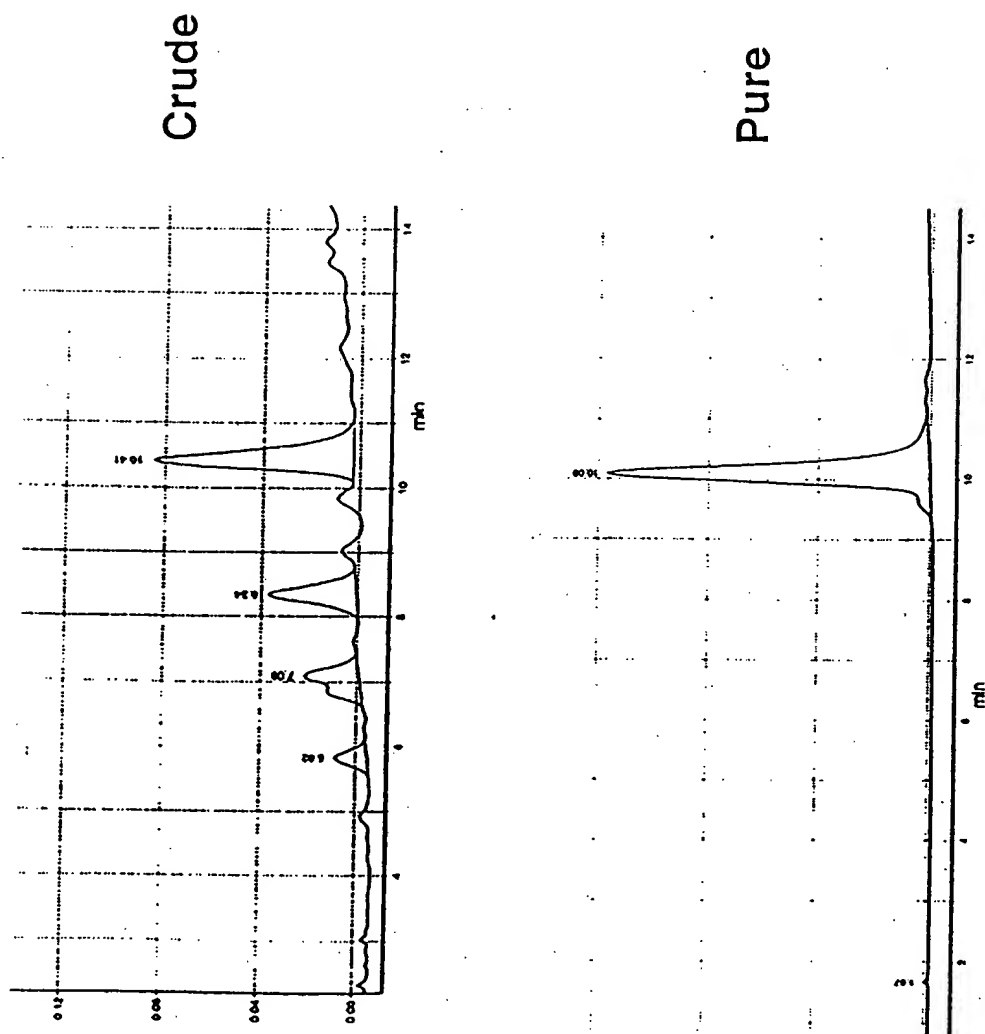




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HPLC Purification of the Heptamannoside

Figure 18





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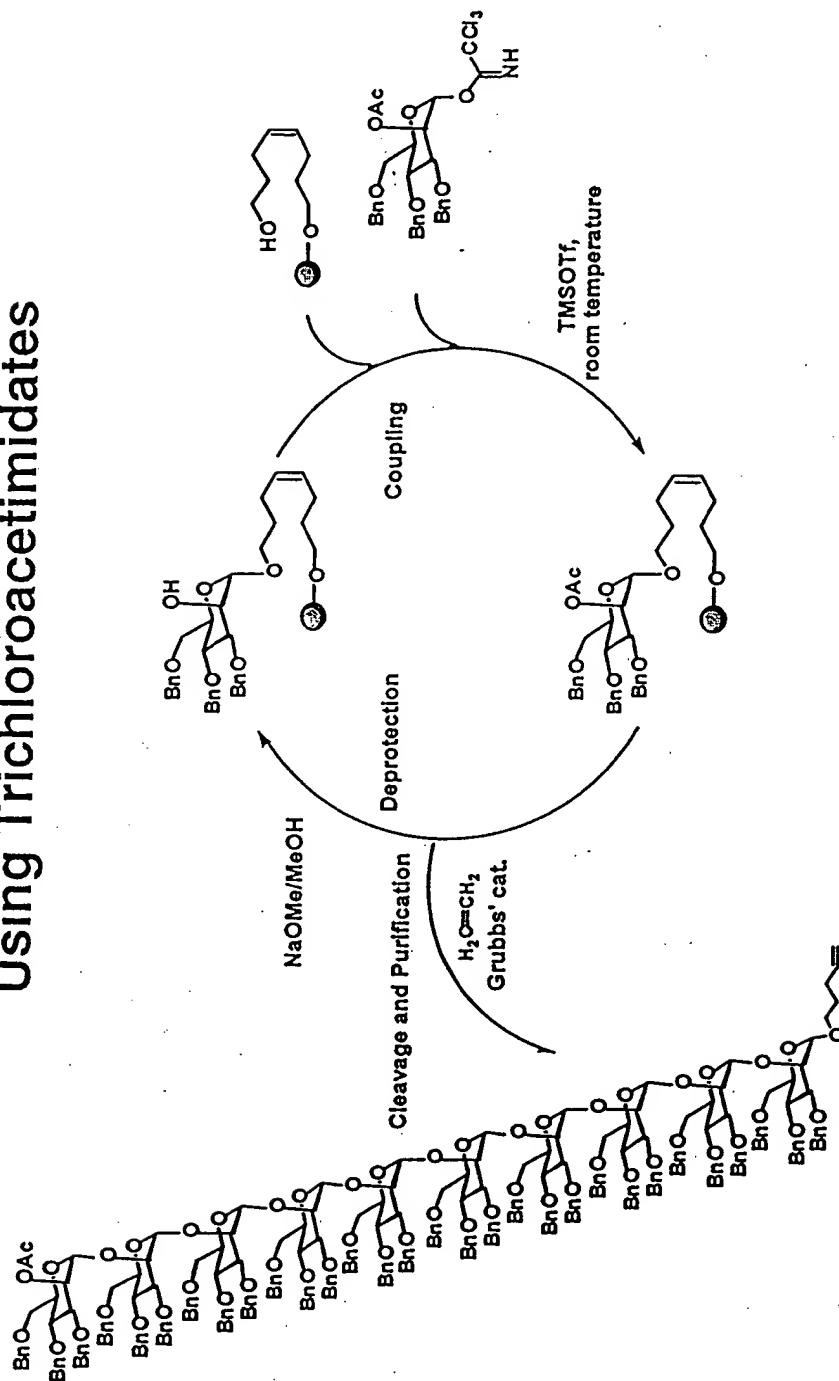
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Figure 19

Automated Synthesis of a Decamannoside Using Trichloroacetimidates



34% yield

stepwise yield: 94.9%

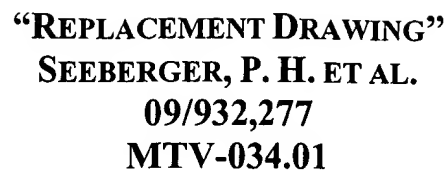
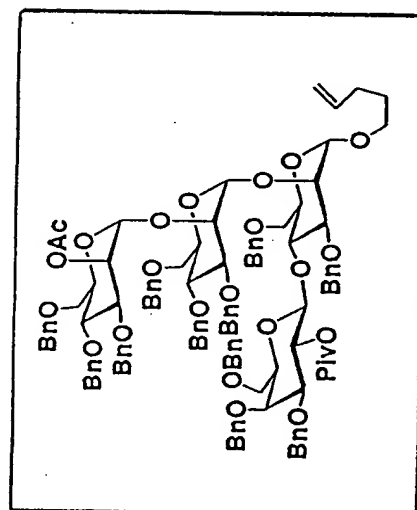
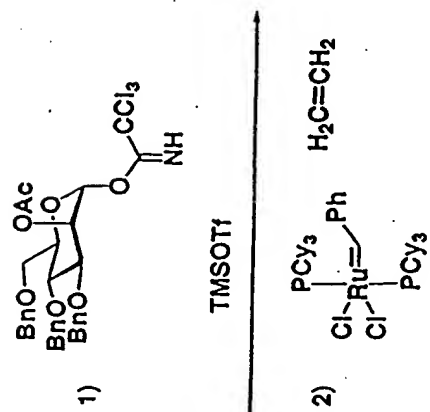
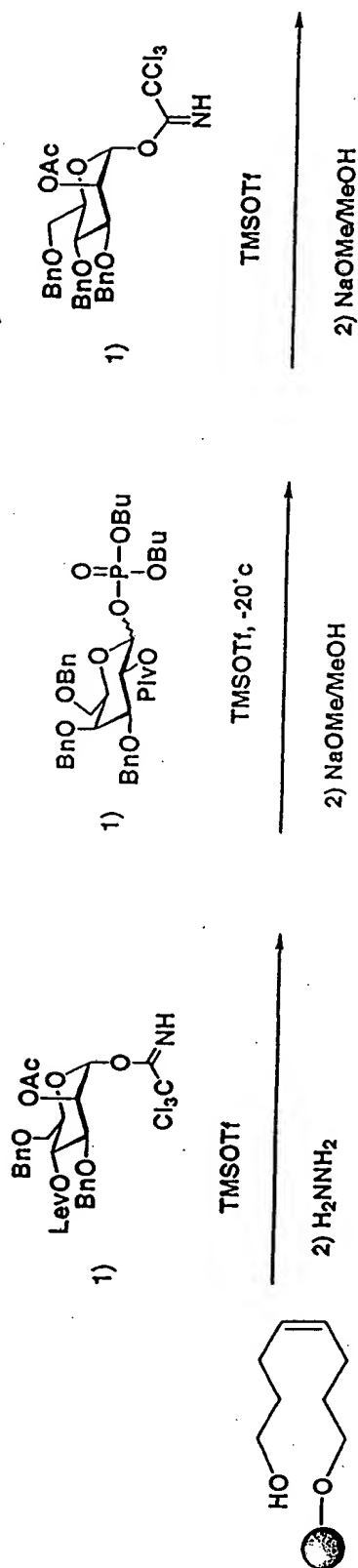


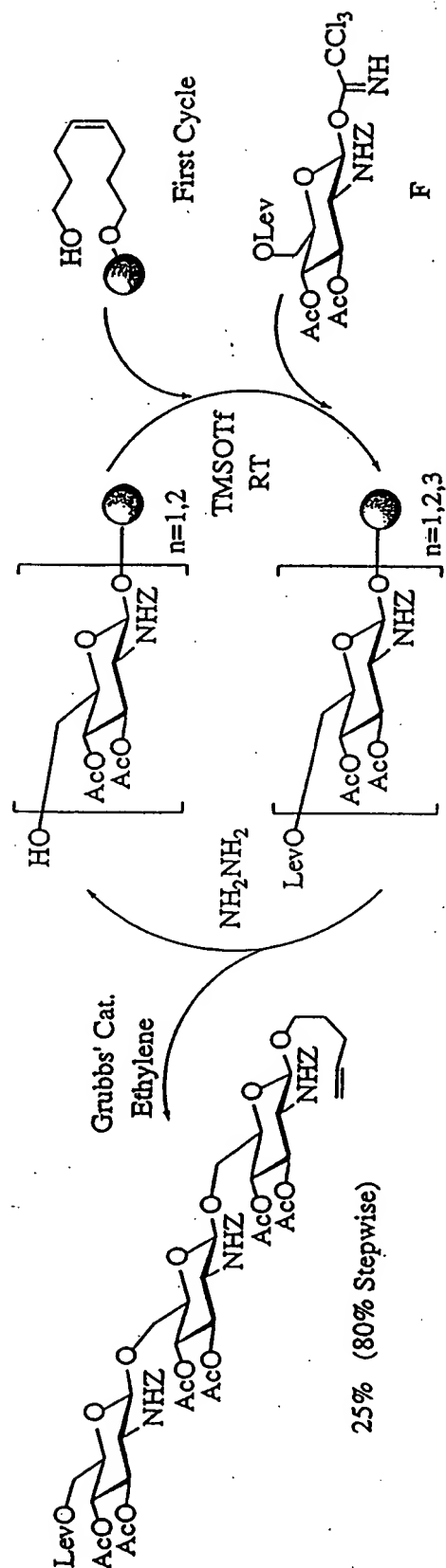
Figure 20
Automated Synthesis of Leishmania Cap Tetrasaccharide



66% yield

Figure 21

Automated Synthesis of GlcA Trisaccharide



Cycle:

Time: 8.5 h

Donor: 5.0 eq

Activator: 0.5 eq TMSOTf

Deprotection: 0.5 M $\text{NH}_2\text{NH}_2 \cdot \text{H}_2\text{O}$



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Automated Synthesis of polyglucosamines

